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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Multiple sheets used when necessary)

SHEET 1 OF 5

Application No.	10/561,029
Filing Date	December 16, 2005
First Named Inventor	Douglas Spencer Millar
Art Unit	1637
Examiner	David C. Thomas
Attorney Docket No.	ALAR9.001APC

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	5,629,156	05-13-1997	Shah et al.	
	2	5,750,338	05-12-1998	Collins et al.	
	3	5,786,146	07-28-1998	Herman et al.	
	4	5,824,517	10-20-1998	Cleuziat et al.	
	5	5,952,174	09-14-1999	Nikiforov et al.	
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	7	6,331,393	12-18-2001	Laird et al.	
	8	6,692,918	02-17-2001	Kurn	
	9	6,960,436	11-01-2005	Cottrell	
	10	2002/0086324	07-04-2002	Laird et al.	
	11	2002/0142397	10-03-2002	Collas et al.	
	12	2003/0073081	04-17-2003	Mukai et al.	
	13	2003/0119025	06-26-2003	Olek et al.	
	14	2005/0019762	01-27-2005	Alexander Olek	
	15	2005/0059003	03-17-2005	Enoki et al.	
	16	2005/0118578	06-02-2005	Mineno et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
	17	EP 1 319 718	06-18-2003	Van Eijk		
	18	EP 1 130 113	09-05-2001	Schouten		
	19	WO 1995/01456	01-12-1995	Gryaznov et al.		
	20	WO 1995/22623	08-24-1995	Landegren		
	21	WO 1997/41254	11-06-1997	Landegren		
	22	WO 1997/45559	12-04-1997	Belgrader		
	23	WO 1998/29108	07-09-1998	Feinberg		
	24	WO 1999/009211 A2	02-25-1999	Oultram et al.		
	25	WO 1999/049081 A2	09-30-1999	Mulrooney et al.		

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Date Considered

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	26	WO 2000/44934	08-03-2000	Olek		
	27	WO 2000/50869 A2	08-31-2000	Arnold et al.		
	28	WO 2001/09374 A2	02-08-2001	Berlin		✓ abstract
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	32	WO 2002/072880	09-19-2002	Olek et al.		✓ abstract
	33	WO 2002/097065	12-05-2002	Intercytex Limited		
	34	WO 2002/38801	05-16-2002	Grigg et al.		
	35	WO 2002/46452	06-13-2002	Olek et al.		✓ abstract
	36	WO 2003/008623 A2	01-30-2003	Van Ness et al.		
	37	WO 2003/048732	06-12-2003	Fan		
	38	WO 2004/015139	02-19-2004	Adjoran et al.		
	39	WO 2004/065625	08-02-2004	Millar et al.		
	40	WO 2004/090166	10-21-2004	Bernard et al.		
	41	WO 2005/056790 A1	06-23-2005	Uemori et al.		✓ abstract

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>1</sup>
	42	Christensen et al., "Intercalating nucleic acids containing insertions of 1-o-(1-pyrenylmethyl)glycerol: stabilization of dsDNA and discrimination of DNA over RNA." Nucleic Acid Res. Vol. 30, No. 22, pp.4918-4925, (2002)				
	43	Clark et al., "High sensitivity mapping of methylated cytosines." Nucleic Acids Research, 22(15): 2990-2997 (1994)				
	44	Clark, et al., " Bisulphite genomic sequencing of methylated cytosines." Laboratory Methods for the Detection of Mutations and Polymorphisms in DNA. Graham R. Taylor, Ed. CRC Press, New York (1997), pp.151-162				
	45	www.ncbi.nlm.nih.gov Database Accession Number M24485				
	46	Eads et al., "MethylLight: a high-throughput assay to measure DNA methylation." Nucleic Acids Research, 28(8):e32, i-viii (2000)				

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	47	Feil, et al., "Methylation analysis on individual chromosomes: improved protocol for bisulphite genomic sequencing." (1994) Nucleic Acids Research 22(4): 695-696	
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	56	Kono, "Nuclear transfer and reprogramming." Reviews of Reproduction, Vol. 2 No. 2, pp. 74-80 (May 1997)	
	57	Millar et al., "A distinct sequence (ATAAA) <sub>n</sub> separates methylated and unmethylated domains at the 5'-end of the GSTP1 CpG island," J. Biol. Chem., 275(32): 24893-24899 (2000)	
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	59	Monk, "Epigenetic programming of differential gene expression in development and evolution" Dev. Genetics, Vol. 17, pp.188-197 (1995)	
	60	Newton et al., "The production of PCR products with 5' single-stranded tails using primers that incorporate novel phosphoramidite intermediates." Nucleic Acid Res. Vol. 21 No. 5, pp.1155-1162 (1993)	
	61	Nilsson et al., "Padlock Probes: Circularizing Oligonucleotides for localized DNA detection", Science; 265:2085-2088 (1994)	
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	66	Office Action in U.S. Application No. 10/428,310 dated November 3, 2006, Our Ref. ALAR12.001AUS	
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	77	Sakashita et al., " Dynamic DNA methylation change in the CpG island region of p15 during human myeloid development," J. Clin. Invest., 108: 1195-1204 (2001)	
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	79	Specification and Preliminary Amendment from co-pending U.S. Application No. 10/555,465, filed August 28, 2006	
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